

Form PTO-1449 (modified 2/91)	U.S. DEPT OF COMMERCE Patent and Trademark Office	Attorney Docket Number: MERL-1489	Serial Number:
<b>INFORMATION DISCLOSURE CITATION</b>  (Use several sheets if necessary)		Applicant: Wu et al.	
		Filing date: Herewith	Group art area:







## U.S. PATENT DOCUMENTS

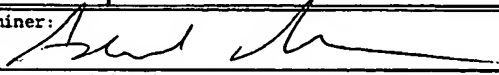
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## FOREIGN PATENT DOCUMENTS

	Document number	Date	Country	Class	Subclass	Translation	
						YES	NO

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

1. 	S.M. Alamouti, "A simple transmit diversity technique for wireless communications," <i>IEEE J. Select. Area Commun.</i> , vol.16, pp.1451-1458, Oct. 1998.
2. 	V. Tarokh, H. Jafarkhani, and A.R. Calderbank, "Space-time block codes from orthogonal designs," <i>IEEE Trans. Info. Theory</i> , vol.45, pp.1456-1467, Jul. 1999.
3. 	Y. Xin, Z. Wang, and G.B. Giannakis, "Space-time diversity systems based on linear constellation precoding," <i>IEEE Trans. Wireless Commun.</i> , vol.2, pp.294-309, Mar. 2003.
4. 	S. Zhou, G.B. Giannakis, "Optimal transmitter eigen-beamforming and space-time block coding based on channel mean feedback," <i>IEEE Trans. Signal Processing</i> , vol.50, pp.2599-2613, Oct. 2002.
5. 	J.H. Horng, L. Li, and J. Zhang, "Adaptive space-time transmit diversity for MIMO systems," in <i>Proc. IEEE Veh. Techno. Conf. VTC'03 Spring</i> , pp.1070-1073, Apr. 2003.
6. 	M.K. Simon, and M.-S. Alouini, "A unified approach to the performance analysis of digital communication over generalized fading channels," <i>Proc. of IEEE</i> , vol.86, pp.1860-1877, Sep. 1998.

Examiner: 	Date Considered: 12/6/05
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